

MATERIAL SAFETY DATA SHEET

United States Gypsum Company
101 S. Wacker Drive
Chicago, IL 60606-4385

Emergency No.: (312) 606-4542
DATE ISSUED: June 27, 1990

SECTION I

PRODUCT GROUP: Veneer Plasters and Plastering Finishes

IMPERIAL* Finish Plaster
IMPERIAL* Finish Plaster, Special White
IMPERIAL* Basecoat Plaster
IMPERIAL* Basecoat Plaster, Machine Application
CUSTOM* Veneer Basecoat
DIAMOND* Interior Finish*
USG* FLORIDA Finish Veneer*
Norfolk Special Veneer*
RED TOP* Finish Plaster - Regular*
RED TOP* Finish Plaster - Quick Set*
RED TOP* Finish Plaster - Float Finish*

* - Trademark of United States Gypsum Company or an affiliated company

CHEMICAL FAMILY: Mixture

SECTION II
INGREDIENTS

MATERIAL	%	TLV mg/M3	PEL mg/M3	CAS NO.
Plaster of Paris	35-85	10.0	15/5 (R)	7778-18-9
Lime (Hydrated)	0-60*	5.0	5.0 (T)	39445-23-3
Silica Sand	0-50	0.1 (R)	0.1 (R)	14808-60-7
Calcium Carbonate	0-10	10.0	15/5 (R)	1317-67-3
Perlite	0-2	10.0	15/5 (R)	93763-70-3
Polyvinyl Acetate	0-0.50	(NE)	(NE)	9003-20-7
Dextrin	0-0.50	10.0	15/5 (R)	57-50-1
Hydrolyzed Protein	0-0.30	(NE)	(NE)	65997-21-9
Organic Acid Salt	0-0.50	(NE)	(NE)	7632-00-0
Sod. Naphthelene Sulfonate	0-0.30	(NE)	(NE)	9804-06-4
Sodium Nitrite	0-0.30	(NE)	(NE)	7632-00-0
Hydroxyethyl Cellulose	0-0.10	(NE)	(NE)	9004-62-0
Alkali Metal Borate	0-0.05	(NE)	(NE)	10043-35-3

* DIAMOND Interior Finish, Red Top Finish, Norfolk Special Veneer and USG FLORIDA Finish Veneer are the only products containing large amounts (up to 60%) hydrated lime. The rest contain less than 0.5% lime.

(NE) - Not Established. (R) - Respirable (T) - Total

SECTION III
PHYSICAL DATA

SOLUBILITY IN WATER: 0.2 - 0.25%

SPECIFIC GRAVITY (H₂O = 1): 2.6 - 2.7

APPEARANCE AND ODOR: Off white to white powder, low odor.

HARDENING TIME: Varies. Check usage and/or product specification data for each product.

SECTION IV
FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): None
EXTINGUISHING MEDIA: Not combustible
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V
HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ACUTE:

EYES: Hydrated Lime is a strongly alkaline material. Contact with eyes will cause irritation and possible corrosion damage.
SKIN: When mixed with water, this material hardens and then slowly becomes hot. DO NOT attempt to make a cast enclosing any part of the body. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissue. May dry skin.
INHALATION: Irritating to respiratory tract and can be damaging to the mucus membrane of the upper respiratory system.
INGESTION: May be corrosive to the digestive tract. Also see Emergency and First Aid section following.

CHRONIC: None known.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with room temperature water for 15 minutes, including under lids. If irritation continues, see physician.
SKIN: Wash skin with large amounts of water. Remove contaminated clothing.
INHALATION: Remove from exposure. Contact physician.
INGESTION: Dilute by giving two glasses of milk or water to drink, followed by fruit juices to neutralize the alkali. Then consult a physician. Plaster hardens when wetted and, if ingested, may result in obstruction. Call a physician.

TARGET ORGAN: Lungs

MEDICAL CONDITION WHICH MAY BE AGGRAVATED: Pre-existing upper respiratory and lung disease such as, but not limited to, bronchitis, emphysema and asthma.

PRIMARY ROUTE OF ENTRY: Inhalation.

CARCINOGENICITY OF INGREDIENTS:

MATERIAL	IARC	NTP	OSHA
Crystalline Respirable Silica	2A	Not Listed	Not Listed

SECTION VI
REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Acids, boric oxide, fluorine and organic materials.

INCOMPATIBILITY: Acids, boric oxide, fluorine and organic materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Above 1400°C - SO₂ & CaO

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII
SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up, using personal protection against skin contact and inhalation of dust or mist. Keep spilled material away from acids. Pick up the solid with a minimum of dusting and collect in covered containers for disposal. May plug drains.

WASTE DISPOSAL METHOD: To sanitary landfill in accordance with local, state and federal regulations.

SECTION VIII
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use a NOISH approved respirator if above TLV.

VENTILATION: Provide general mechanical ventilation and local exhaust to meet TLV requirements for lime dust.

PROTECTIVE EQUIPMENT: Protective gloves and dust goggles selected for the working conditions.

SECTION IX
SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Dew point conditions, or other conditions causing presence of liquid water, will harden plaster during storage. Use proper ventilation and respiratory and eye protection under dusting conditions. Store away from acids.